

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO LAFARGE NORTH AMERICA, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements
In the application, a permit is hereby granted to engage in surface mining of
limestone in the state of Missouri. The extent of the


Proposed mining operation(s) will be on 251 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Pettis	36	46N	22W	55	0	55	Pettis Quarry #2	0044
Saline	04	48N	21W	196	0	196	Saline County Quarry #5	0045

This permit may be suspended or revoked upon violation of any or all of the conditions set
forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations
as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 13th day of August 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0035
Effective Date 08/13/2004
Expiration Date 07/31/2005

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND RECLAMATION COMMISSION
P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL LAFARGE NORTH AMERICA, INC		DATE 7/27/04	
ADDRESS 15100 E COURTNEY ATHERTON RD	CITY SUGAR CREEK	STATE MO	ZIP CODE 64058
CONTACT PERSON KEITH STOKER		TELEPHONE NUMBER 816-365-4960	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. PETTIS QUARRY #2 (0044)	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300.00
2. SALINE COUNTY QUARRY #5 (0045)	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300.00
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$ 1255.00

2. Acreage Fee \$5 X **251** number of acres bonded \$

3. Annual Permit Fee \$ 500

4. Total Fee (Add totals from 1, 2 and 3) \$ **1855.00**

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ 300

SIGNATURE OF APPLICANT 	TITLE PROJECT MANAGER	DATE 7/26/04
Appeared before me this 26 day of July , 20 04 . JOHAN COPPENS to me personally known, who executed the above as their free acts and deeds.		
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF MISSOURI SUBSCRIBED AND SWORN BEFORE ME, THIS 26 DAY OF July YEAR 2004 NOTARY PUBLIC SIGNATURE Kelly Katowitz NOTARY PUBLIC NAME (TYPED OR PRINTED) Kelly Katowitz	COUNTY (OR CITY OF ST. LOUIS) USE RUBBER STAMP IN CLEAR AREA BELOW. KELLY KATOWITZ Notary Public - Notary Seal State of Missouri County of Jackson My Commission Exp. 02/01/2007
FOR DEPARTMENT USE ONLY: APPROVED BY 	DATE APPROVED 8/6/04	PERMIT NUMBER 0035
		EXPIRATION DATE 7/31/05



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SITE INFORMATION FORM

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To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER Saline County Quarry # 5		PERMIT NUMBER 0035
COMPANY NAME Lafarge Corporation		
COUNTY Saline	1/4 SECTION	SECTION 4
TOWNSHIP 48 N	RANGE 2/W	ACRES 196
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A		
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES)

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NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Lafarge Corporation		
ADDRESS P.O. Box 300140		
CITY Kansas City	STATE Missouri	ZIP CODE 64130
SOURCE OF RIGHT TO MINE (CHECK ONE): <input checked="" type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Lafarge Corporation		
ADDRESS P.O. Box 300140		
CITY Kansas City	STATE Missouri	ZIP CODE 64130
SOURCE OF RIGHT TO MINE (CHECK ONE): <input checked="" type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME Lafarge Corporation

☒ LONG TERM, FOR PERIOD THROUGH DATE: 2020

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

Relatively flat with some pasture land seeded with fescue.
Topsoil runs 16" deep and spoil material an average of 20 feet.

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OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

16

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Scrapers and dozers will remove topsoil in a constant operation.
Offsite sedimentation will be prevented by a silt fence and straw bales,
which will line the operation area at the lowest point.

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DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Topsoil is stacked by scrapers then returned on other areas that
are being backfilled.
Some topsoil will be used to construct a beautification berm on the East and South
portion fo the property. (North of 1-70)
Topsoil will be stacked in area away from operation and protected from vehicle travel
or and disturbance.

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

Spoil will be transported from point to point which will be used eventually for backfill.

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C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

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D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

See site map

Beginning of pit is approximately 1,000' from quarry entry.

The current working face is the northern most point of open pit.

The pit will continue in a northern direction.

This is a long-term plan.

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YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1

PURPOSE OR LAND USE

Industrial

B. SEEDING OR PLANTING TIME

upon area becoming inactive

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

When area becomes inactive they will be backfilled for industrial use and graded to meet CSR 40-10-020 rules.

If revegetation is required the seed mix will be a fescue blend and applied to meet reclamation standards.

Blend of orchard grass/fescue applied by broadcast seeder and done to meet 10 CSR 40-10 020.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Orchard Grass Fescue	6 10	RECEIVED MAR 20 2000 MISSOURI LAND RECLAMATION COMMISSION	RECEIVED AUG 07 2000 MISSOURI LAND RECLAMATION COMMISSION

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Broadcast Seeding.

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Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

Industrial

upon area becoming inactive

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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

When area becomes inactive they will be backfilled for industrial use and graded to meet CSR 40-10-020 rules.

If revegetation is required the seed mix will be a fescue blend and applied to reclamation standards.

Blend of orchard grass/fescue applied by broadcast seeder and done to meet 10 CRS 40-10 020.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Orchard Grass Fescue	6 10	RECEIVED MAR 20 2000 MISSOURI LAND RECLAMATION COMMISSION	RECEIVED AUG 07 2000 MISSOURI LAND RECLAMATION COMMISSION

REVEGETATION MIX #2

PURPOSE OR LAND USE

SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Broadcast Seeding.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

Spoil areas will eventually be graded to slopes traversable by equipment.

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RECLAMATION COMMISSION**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES****GRADING**

Continuous

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Continuous

REVEGETATION**AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)****D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

196

Water impoundments (for wildlife, agricultural, or development)

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

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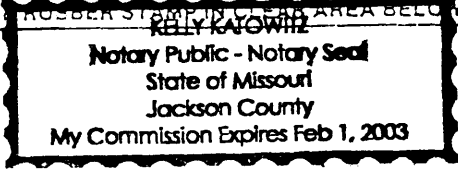
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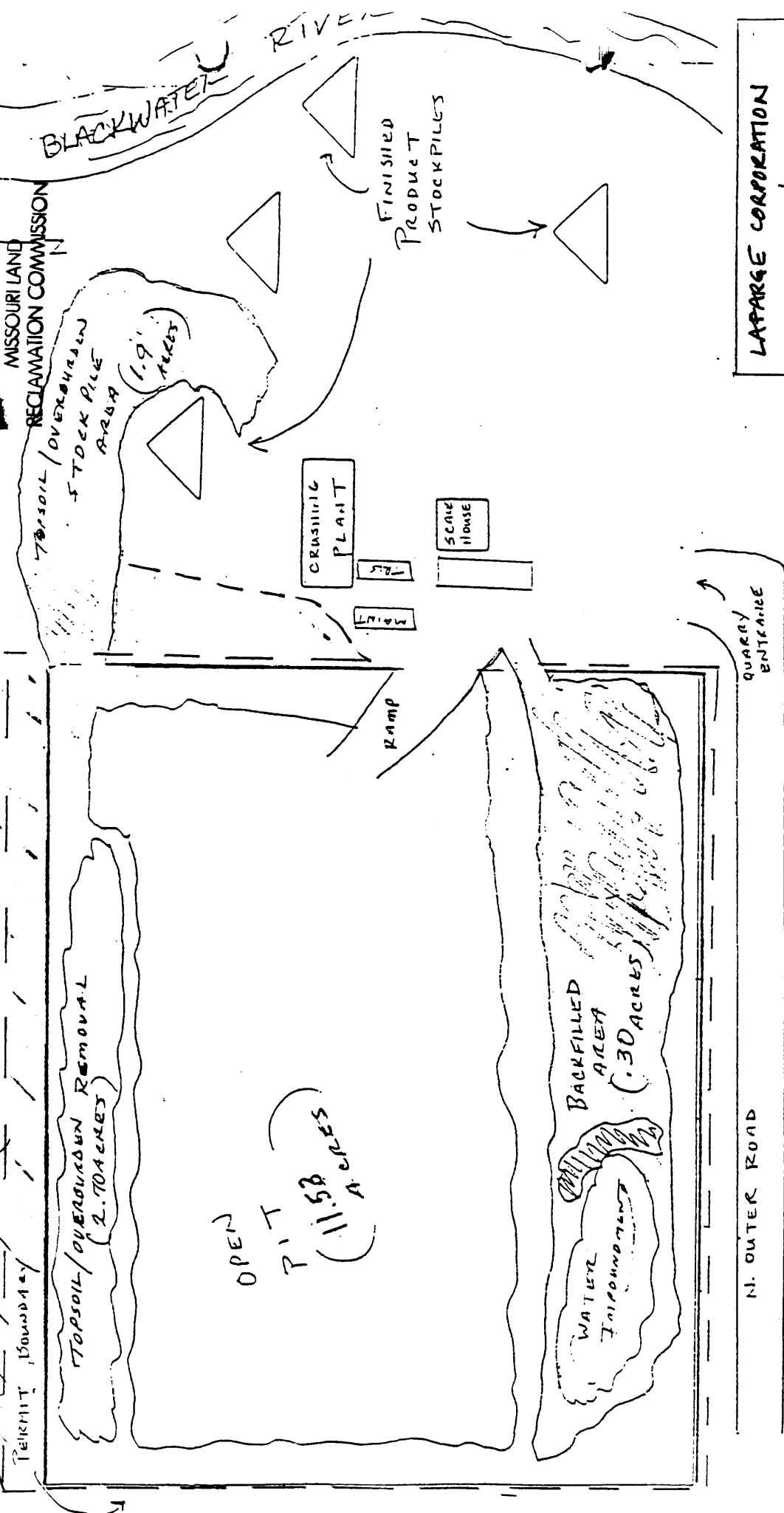
SIGNATURE OF APPLICANT <i>Larry McClain</i>		TITLE Technical Services	DATE 1-25-00
NOTARY PUBLIC EMBOSSEMENT SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Jackson	
SUBSCRIBED AND SWORN BEFORE ME, THIS 25 DAY OF January 2000		USE RUBBER STAMP IN THIS AREA BELOW	
NOTARY PUBLIC SIGNATURE <i>Kelly Katowitz</i>	MY COMMISSION EXPIRES Feb. 1, 2003		
NOTARY PUBLIC NAME (TYPED OR PRINTED) Kelly Katowitz			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Steve Finner</i>		DATE APPROVED 10-6-00	PERMIT NUMBER 0035

PERMIT 0035 - LAFARGE CORPORATION
MINE # 5

SALINE COUNTY - S-04, T-48N, R-21W
(10 New acres)

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N. OUTER ROAD

QUARRY
ENTRANCE

LAFARGE CORPORATION

PERMIT # 0035

MINE # 5

SALINE COUNTY, MO.
S-04, T-48N, R-21W

INTERSTATE 70 → EAST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



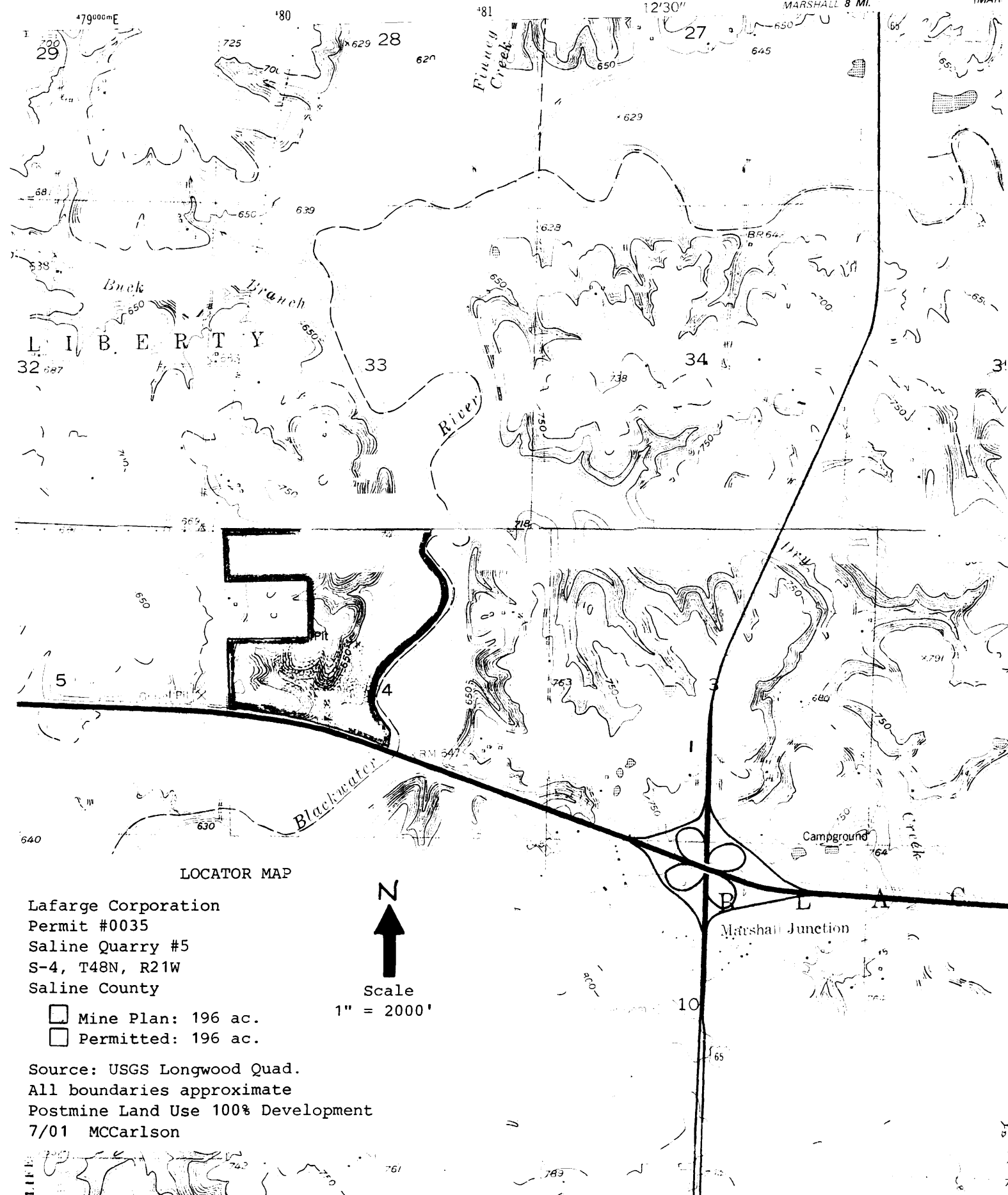
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

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To be completed for each separate area of disturbance associated with mining operations.		
SITE NAME OR NUMBER Pettis Quarry #2		PERMIT NUMBER 0035
COMPANY NAME Lafarge Corporation		
COUNTY Pettis	1/4 SECTION NE	SECTION 36
TOWNSHIP 46N	RANGE 22W	ACRES 55
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A		
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Waste Corporation of Missouri (Central Misosuri Landfill, Inc.)		
ADDRESS 2120 West Bennett		
CITY Springfield	STATE MO	ZIP CODE 65807
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT 9/00
<input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Lafarge Corporation		
ADDRESS 3651 Ralph Powell Road		
CITY Lees Summit	STATE MO	ZIP CODE 64064
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT 6/97
<input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME Lafarge Corp., Permit #0035, Pettis Qy #2

☒ LONG TERM, FOR PERIOD THROUGH DATE: 2025

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

This mine plan covers 55 acres, including a newly proposed 11 acre expansion area, located to the south of the current permit area. Most of the undeveloped area consists of maintained pasture seeded with a mixture of fescue, smooth brome, and red clover. Slopes generally are between 2 & 5%. Topsoil w/in undeveloped areas consists of Pembroke and Pershing soil types. According to the SCS Soil Survey for Pettis County (1995), the Pembroke (17B, 17C) has an A horizon thickness of 11" and the Pershing (20B2) has an A horizon thickness of 8" (soils map attached). Subsoil extends to a depth of 60". Underlying material, including poor quality rock, overburden, has an average thickness of 25 feet.

The quarry is being developed in association with a sanitary landfill. The western part of the quarry permit is now the site of active landfilling operations. Closed landfills and support facilities border the permit area to the west and southwest. Significant features are shown on the detail map for the quarry.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

8-11 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Topsoil and underlying subsoil to a depth of 12" will be removed ahead of the leading edge of the pit using dozers and scrapers. Much of the clayey subsoil below a depth of 12" will be used by the landfill to satisfy liner and cap requirements. Sufficient topsoil and subsoil will be available to satisfy postmine reclamation requirements for a Development-Industrial land use (10 CSR 40-10.050(6)&(7)).

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Topsoil typically is direct-hauled by scrapers to inactive areas in one continual operation. If stockpiled, topsoil will be placed in protected areas of the permit area, away from drainages or other low-lying areas, and seeded w/ a temporary grass cover during the first available growing season to avoid excessive wind and water erosion.

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B. SPOILMISSOURI LAND
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DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

Most, if not all of the spoil generated at this site will be utilized by the landfill for liner and daily, intermediate, and final cover operations. Spoil will be continuously hauled to the landfill using scrapers. Excess spoil, if any, will be temporarily stockpiled along the west margin of the active pit operations, nearest landfill operations. Excess spoil is not anticipated during postmine reclamation.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

See maps

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YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

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RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

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RECLAMATION COMMISSION

REVEGETATION MIX #1

PURPOSE OR LAND USE

Industrial

B. SEEDING OR PLANTING TIME

Fall (9/1-11/15); Spg (3/15-5/15)

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Seed will be drilled or broadcast using a cyclone seeder. If broadcast, seed rates will be increased 25% and seed will be worked into the ground using a harrow or similar tool designed for that purpose.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Fescue Red/Ladino Clover	10-15 5-8		

VEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

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ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

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B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

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Spoil disposal and other affected areas will be graded to a free draining topography traversable by farm machinery and suitable for the intended land use. A consolidated materials highwall will remain after mining.

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C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Will be completed within 12 months after expiration of the permit unless those areas are needed as part of the active operations at the site.

REPLACEMENT OF TOPSOIL

Will be completed within 12 months after expiration or renewal of the permit unless those areas are needed as part of the active operations at the site.

REVEGETATION

Seeding will be conducted within 24 months of grading and/or topsoiling of inactive parts of the mine site.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

8-11" + 1-4" subsoil for total of 12"(where required to facilitate industrial usage)

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

INDUSTRIAL

55

Water impoundments (for wildlife, agricultural, or development)

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

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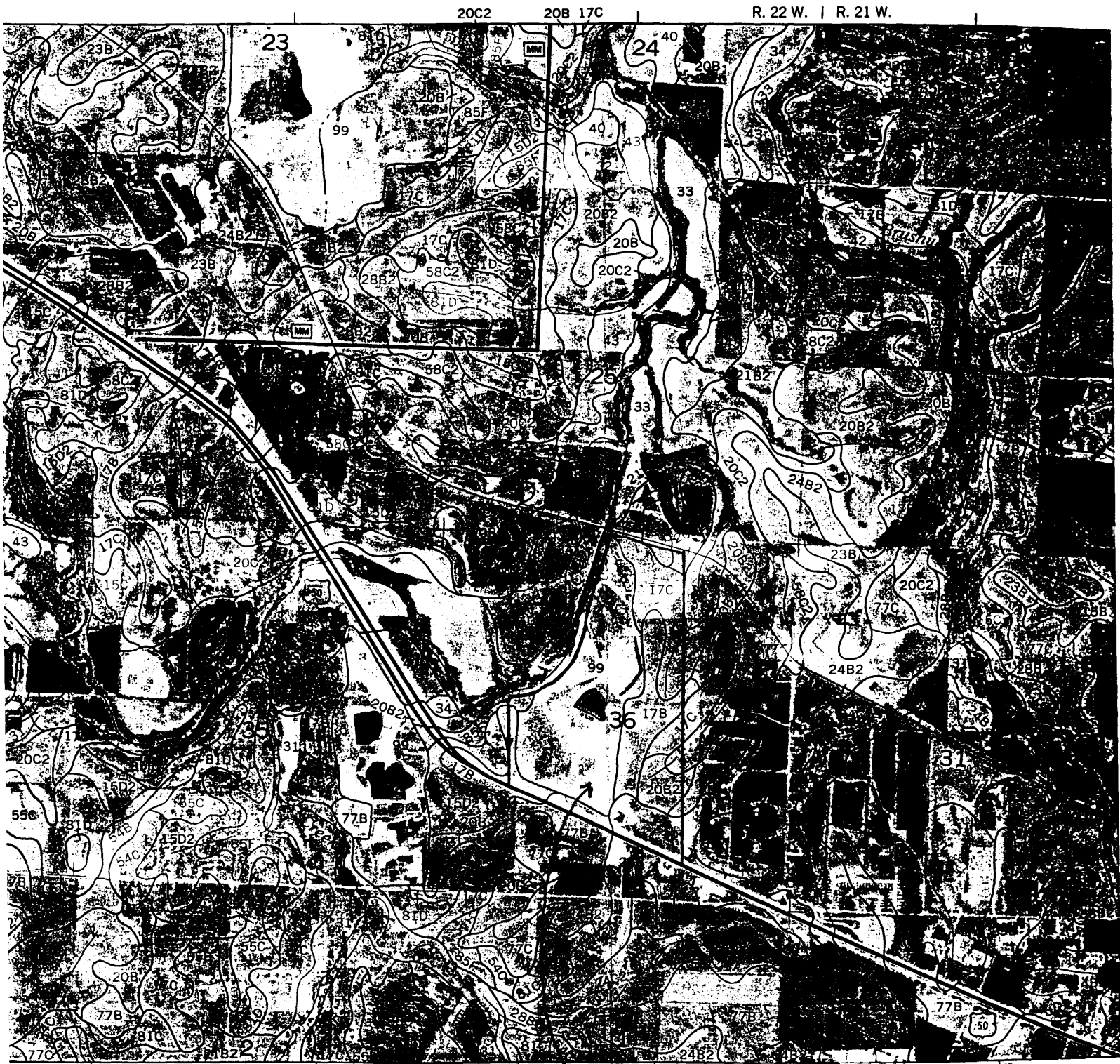
AUG 10 2001

MISSOURI LAND
RECLAMATION COMMISSION

SIGNATURE OF APPLICANT <i>Larry M. Clark</i>		TITLE <i>Technical Services</i>		DATE <i>7-28-01</i>	
NOTARY PUBLIC EMBOSSEMENT SEAL		STATE <i>MO</i>		COUNTY (OR CITY OF ST. LOUIS) <i>Jackson</i>	
SUBSCRIBED AND SWORN BEFORE ME, THIS <i>25</i> DAY OF <i>July</i> <i>2001</i>		USE RUBBER STAMP IN CLEAR AREA BELOW			
NOTARY PUBLIC SIGNATURE <i>Kelly Katowitz</i>		MY COMMISSION EXPIRES <i>2/01/2003</i>		<div style="border: 2px solid black; padding: 5px; text-align: center;">KELLY KATOWITZ Notary Public - Notary Seal State of Missouri Jackson County My Commission Expires Feb 1, 2003</div>	
NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Kelly Katowitz</i>					
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Steve Jensen</i>			DATE APPROVED <i>8-15-01</i>		PERMIT NUMBER <i>0035</i>

- Main Soil Types w/in Mine Plan:
- 1. 17B Pembroke, A Hz = 0-11", 2-5% slopes
 - 2. 17C Pembroke, A Hz = 0-11", 5-9% slopes
 - 3. 20B2 Pershing, A Hz = 0-8", 2-5% slopes

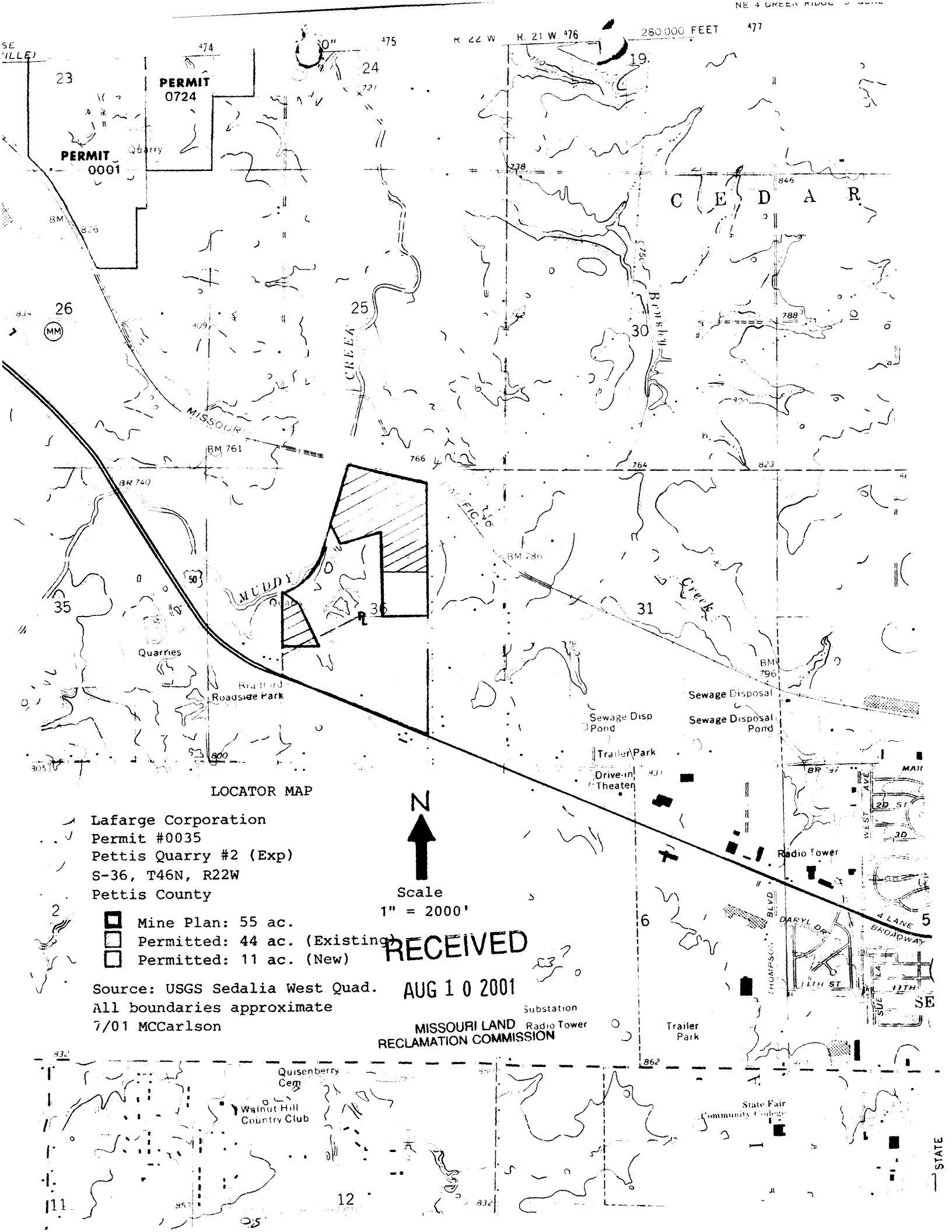
RECEIVED
JUN 04 2001
MISSOURI LAND
RECLAMATION COMMISSION



Quarry #2
LaFarge Corp.
Permit #0035

EDF & Co.
Soil Survey
(1995)
AUG 10 2001
MISSOURI LAND
RECLAMATION COMMISSION





LOCATOR MAP

Lafarge Corporation

Permit #0035

Pettis Quarry #2 (Exp)

S-36, T46N, R22W

Pettis County



Mine Plan: 55 ac.



Permitted: 44 ac. (Existing)



Permitted: 11 ac. (New)

Source: USGS Sedalia West Quad.

All boundaries approximate

7/01 MCCarlson



Scale

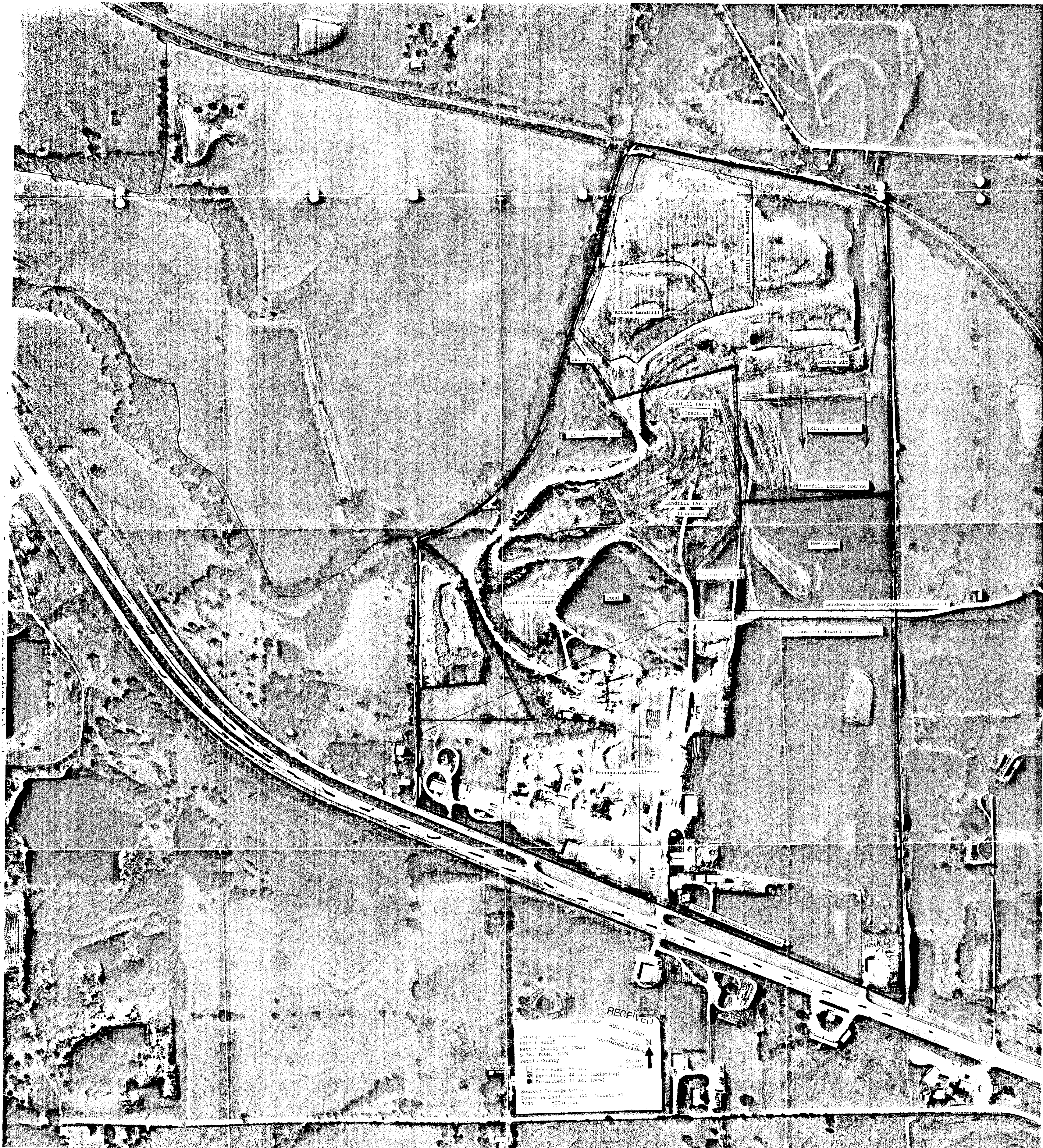
1" = 2000'

RECEIVED

AUG 10 2001

MISSOURI LAND
RECLAMATION COMMISSION

STATE



RECEIVED
AUG 14 1991
MINING AND RECLAMATION COMMISSION
Lafarge Corporation
Permit #0035
Pettis Quarry #2 (EXP)
S-36, T46N, R22W
Pettis County
Scale: 1" = 200'
Mine Plan: 55 ac.
Permitted: 44 ac. (Existing)
Permitted: 11 ac. (New)
Source: Lafarge Corp.
Postmine Land Use: Industrial
7/01 McCullison